

# Multicolour Light GH1 and GH1 with sounder

Optical or optical-acoustic signalling device with LED technology



## Overview

The ActiveLine GH1 is designed to indicate various operating states of machines and systems. The possible signalling colours green, amber, red, blue and white are all shown in one single light element.

Each colour can be preset to continuous light, blinking light or strobe light.

The light is generated by use of light-emitting diodes.

The model with sounder can also generate a penetrating signalling tone, with four adjustable sound levels.

The plastic housing, the foot and the sounder housing are made of impact-resistant thermoplastic. The cap consists of impact-resistant polycarbonat and the standpipe is made of aluminium.

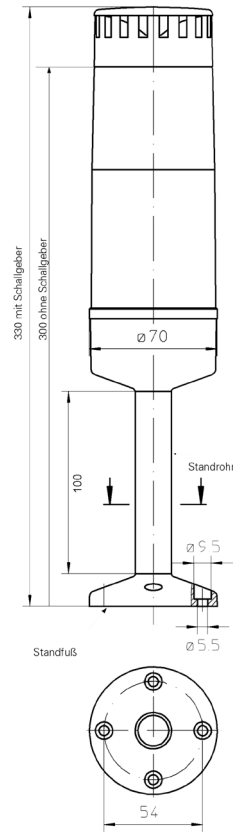
## Features

- 5 different signal colours in just one lamp
- 3 signal modes (strobe light, blinking light, continuous light)
- Space-saving installation
- Extremely long life-cycle thanks to LED technology
- Low energy consumption
- Optionally with sounder

## Specifications

Housing	Thermoplastic
Cap	Polycarbonat
Foot	Thermoplastic
Standpipe	Aluminium
Sounder housing (optional)	Thermoplastic
Sound signal continuous swept tone	Frequency 2.8 kHz ... 3.4 kHz
Volume	75 dB(A) to approx. 105 dB(A) in 4 adjustable steps
Ingress protection	IP 54 according to EN 60529
Connection terminals	Terminal capacity: 1,5 mm <sup>2</sup> single or fine-wire
Operating modes	<p>Continuous light one colour the colour is permanently on</p> <p>multiple colours 990 ms switched on per colour</p> <p>Blinking light one colour 220 ms switched on, 275 ms switched off</p> <p>multiple colours 2 times blinking per colour</p> <p>Strobe light one colour 55 ms switched on, 440 ms switched off</p> <p>multiple colours 4 flashes per colour</p> <p>The colours always change in the sequence green – amber – red – blue – white</p>
Operating conditions	Indoors and outdoors
Operating position	Any
Temperature range	
Operation	-25 °C to +60 °C
Storage	-40 °C to +70 °C
Weight	Approx. 0.3 kg

## General arrangement drawing (all dimensions in mm)

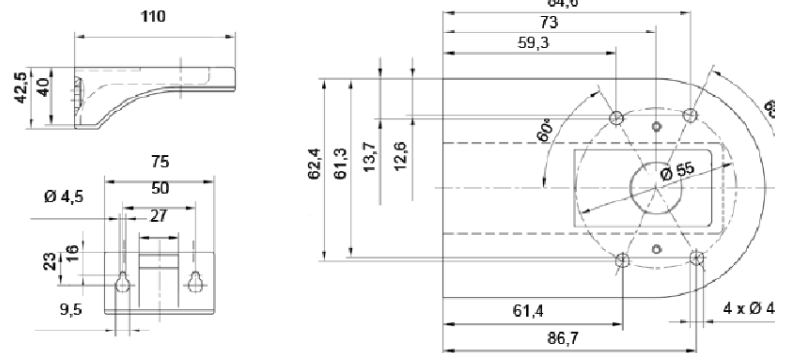


	AC variants	DC variants
Operating voltage	230 VAC, 50 to 60 Hz	24 VDC
Current consumption		
Colour (white) on/sounder off	< 50 mA	< 135 mA
Colour off/sounder on (max. volume)	< 27 mA	< 80 mA
Colour (white) on/sounder on	< 56 mA	< 190 mA
Power consumption	< 13 W	< 4,6 W
Protection class	II	III

## Assignment plan

Signalton Signalling tone	Farben Colours
Schalter (Lieferzustand)	
Switch (as-shipped state)	
wh	bl
rd	ye
gn	
wh = weiß white	bl = blau blue
rd = rot red	ye = gelb yellow
	gn = grün green

## Optional bracket for wall mounting



## Ordering data

Type	Designation	Input voltage	Equipment	Art.-Nr.*
ActiveLine GH1	Multicolour Light	24 VDC, tolerance ± 20 %	without sounder	FHF 226 313 01
ActiveLine GH1	Multicolour Light	230 VAC	without sounder	FHF 226 307 01
ActiveLine GH1	Multicolour Light	24 VDC, tolerance ± 20 %	with sounder	FHF 226 313 011 0
ActiveLine GH1	Multicolour Light	230 VAC	with sounder	FHF 226 307 011 0

## Accessories

GH1/S	Bracket for wall mounting	FHF 226 203 07
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